



TotalEnergies

Refining & Chemicals
Polymers

Polyethylene Lumicene® M 5220

Technical data sheet
Metallocene High Density Polyethylene BLOW MOULDING
Produced in Europe

Description

Lumicene® M 5220 is a High Density Polyethylene with outstanding organoleptic properties, stress-cracking and process-ability.

Lumicene® M 5220 is especially suited for the production of packaging of sterilized milk by extrusion blow moulding.

Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	kg/m ³	952
Melt Flow Rate (190°C/2.16 kg)	ISO 1133/D	g/10 min	2.0
Charpy Impact Strength (23°C)	ISO 179	kJ/m ²	10
ESCR AntaroX 100%	ASTM D1693/B	h	F50 > 200

(*) Data not intended for specification purposes

Handling and storage

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the SDS of our product. SDS may be obtained from the website: www.polymers.totalenergies.com.

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